

22-24 February, 2000

Mainz, Germany

Source: 3GPP TSG SA WG3 (Security)

To: TIA TR-45, TIA TR-45.2, TIA TR-45.3, TIA TR-45.5, TIA TR-45 AHAG

Cc: 3GPP TSG SA

Title: The acceptance of the 3GPP AKA for ESA Proposed Procedures for joint control of 3GPP AKA specifications

S3 thanks TR-45.3 for copying to the S3 chair, Mike Walker, its liaison statement to TR-45 AHAG (dated 4 January, 2000). This document addresses the TR45.3 concerns in regard to incorporating ANSI-41 optional hooks and extensions within the AKA standards publications. The relevant text of the LS is given below:

Further to the liaison from ETSI SMG10 to AHAG re Principles for Global Authentication, TR45.3 endorses the principle of AKA as the core global authentication mechanism, provided the ANSI-41 family needs are incorporated as optional hooks and extensions within the AKA standards publications.

S3 acknowledge the need to define procedures to allow joint control of the 3GPP AKA specifications so that both S3 and TR-45 requirements may be addressed. S3 would like to state that 3GPP SA plenary #6 (15-17 December, 1999) endorsed an S3 proposal that:

- ◆ 3GPP TSG SA WG3 remain the “design authority” for the 3GPP AKA and therefore all variants of the 3GPP AKA be specified in 3GPP specifications
- ◆ Any changes to the 3GPP AKA must be approved by both 3GPP SA plenary and TR-45 plenary

It is hoped that the SA proposal, that any changes to the 3GPP AKA must have TR-45 approval, will meet the needs of those in TR-45 who are concerned that accepting the 3GPP AKA will mean a loss of control for TR-45.

It is hoped that the details on the exact procedures can be formulated at the joint S3/AHAG meeting to be held in April. The detailed proposals will then need to be approved by the appropriate co-ordinating groups within the different standardisation organisations. In the meantime S3 will copy all CRs concerning the 3GPP AKA to TR-45 (AHAG).

The nature of the hooks and extensions required in the 3GPP specifications to support TR-45 requirements, whether they are mandatory or optional for 3GPP systems, will be discussed and agreed with TR-45 once the required hooks and extensions have been defined and approved by TR-45. The joint S3/AHAG meeting in April is seen as the time that this discussion will take place.

TR-45 is thanked for its acceptance of the 3GPP for ESA (subject to to a period of study) meeting all TR45 requirements, including global roaming) at their December 99 meeting.